Kock Ls. Co. - LIL Silves / Efport Packey

AUG 26 1982

Environmental Protection Agency

State of Illinois

Illinois Department of Energy and Natural Resources

State Geological Survey Division

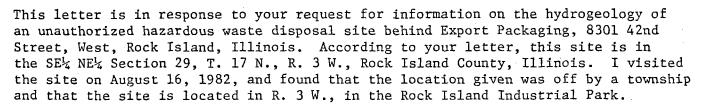


Natural Resources Building 615 East Peabody Drive Champaign, IL 61820 217/344-1481

Mr. Robert A. Wengrow, Regional Manager, Rockford Region Division of Land Pollution Control Illinois Environmental Protection Agency P.O. Box 915 Rockford, IL 61105

Dear Mr. Wengrow:

August 23, 1982



The site in question is in the valley of the Mississippi River, less than two miles southeast of the river. In this area, runoff and shallow groundwater flows are expected to be north-northeast. A review of the well logs on file at the State Geological Survey shows the presence of sand and gravel in some locations to the south and north at depths of about 6 - 40 feet. This material is not noted in all logs and no wells on file are finished in it. All locations in Section 29 show thick sequences of shale and/or clay and all wells are greater than 190 feet deep. The only well on file in Section 20, at 3702 47th Avenue, Rock Island, which is about one mile north of the site, has only 15 feet of shale between the sand and gravel and limestone. The water from this well comes from limestone at a depth of 49 - 100 feet.

Mike DeKezel of Export Packaging told me the solvent, 1,1,1-Trichloroethane, was poured onto the road. There was no obvious dumping spot on the road, which had quite a few weeds growing in it. Some of the gravel had a green coating of unknown origin.

I checked with one of our chemists about the properties of the solvent. He said that its low molecular weight makes it mobile but that most of the small quantity that was dumped should have evaporated. This small quantity makes us believe there is little danger of contamination of nearby water supplies from the site. Of course, this can only be verified by installing a monitoring system.

EPA Region 5 Records Ctr.



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Mr. Robert A. Wengrow August 23, 1982 Page Two

If we can be of any further assistance, please let me know. Sincerely,

Beverly & Hergog Beverly L. Herzog

Assistant Geologist

Hydrogeology and Geophysics Section

AUG 26, 1882

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MAY 23 1984

Z.P.A. — D.L.P.C. STATE OF ILLINOIS